

Separating floor - In-situ concrete slab

CELLECTA **DECKfon®** **ULtralay** soft floor covering fully bonded to structural concrete slab

Suitable for Floor type 1^(a) and Floor type 2^(b)

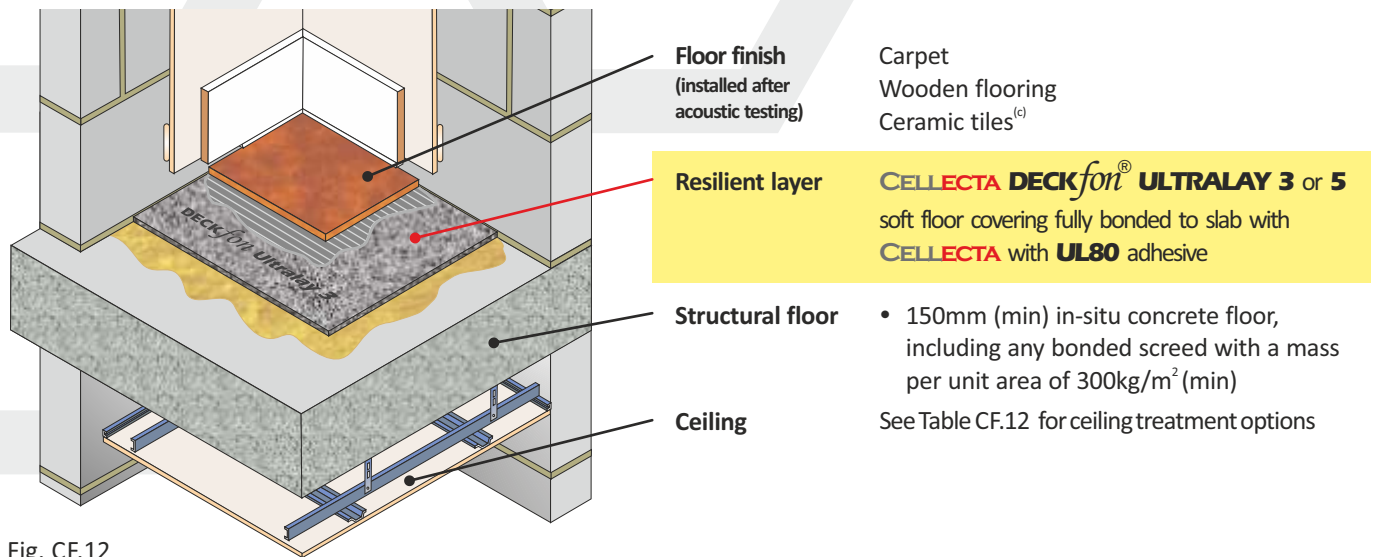


Fig. CF.12

FASTRACKCAD
ARCHITECTURAL CAD DATABASES

NSPlus

Table CF.12

Installation options

Soft floor covering
DECKfon® ULtralay 3
Dimensions: 3mm x 1.2m x 15m (18m²)

CELLECTA UL80
Soft floor covering adhesive
Size: 15kg tub (up to 80m² coverage)

Airborne 58dB $R_w + C_{tr}$	Building Regulations ≥ +8dB
Impact 53dB $L_{n,w}$	Impact 22dB $D_{L_{n,w}}$

20mm levelling screed

Soft floor covering
DECKfon® ULtralay 5
Dimensions: 5mm x 1.2m x 10m (10m²)

CELLECTA UL80
Soft floor covering adhesive
Size: 15kg tub (up to 80m² coverage)

Airborne 58dB $R_w + C_{tr}$	Building Regulations ≥ +8dB
Impact 43dB $L_{n,w}$	Impact 31dB $D_{L_{n,w}}$

20mm levelling screed

Ceiling treatment options

Metal frame ceiling system (CT1, 2 or 3)
Any metal frame ceiling system providing 100mm (min) ceiling void

100mm (min)

One layer of nominal 8kg/m² gypsum-based board

Timber battens & counter battens

100mm (min)

One layer of nominal 8kg/m² gypsum-based board

Timber battens & metal resilient bars

65mm (min)

One layer of nominal 10kg/m² gypsum-based board

Construction notes
(a) Floor type 1: Concrete base with ceiling and soft floor covering.
(b) Suitable for improving the acoustic performance of Floor type 2: Concrete base with ceiling and floating layer.
(c) Ceramic tile must be a minimum 150mm x 150mm (min).

Acoustic Performance

Test data quoted has been conducted in a UKAS accredited laboratory in accordance with Approved Document E: Annex B: Procedures for sound insulation testing.
Airborne results tested in accordance with BS EN ISO 140-3:1995
Impact results tested in accordance with BS EN ISO 140-6: 1998
 D_{Lw} measured in accordance with BS EN ISO 140-8: 1998.
dB values quoted do not include the additional benefit of a ceiling treatment.

Third Party Accreditation and Approvals



Environmental Credentials



Code Credits

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